CONTENTS VOLUME 168

W.R. MacGillivray and M.C. Standage. Stepwise electron and laser excitation of atoms — No. 1, p. 1

T. Janssen. Aperiodic crystals: a contradictio in terminis? — No. 2, p. 55

H. Grabert, P. Schramm, G.-L. Ingold. Quantum Brownian motion: the functional integral approach — No. 3, p. 115

S.J. Putterman and P.H. Roberts. Fokker–Planck equation for interacting waves. Dispersion law renormalization and wave turbulence — No. 4, p. 209

M.M. Agamalyan, G.M. Drabkin and V.I. Sbitnev. Spatial spin resonance of polarized neutrons. A tunable slow neutron filter — No. 5, p. 265

M. Razavy and A. Pimpale. Quantum tunneling: a general study in multi-dimensional potential barriers with and without dissipative coupling — No. 6, p. 305

CONTENTS VOLUMES 161–167

K. Samwer. Amorphisation in solid metallic systems — 161, No. 1, p. 1

H. Vargas and L.C.M. Miranda. Photoacoustic and related photothermal techniques — 161, No. 2, p. 43

S. Krewald, K. Nakayama and J. Speth. Meson exchange models of the nuclear response function — 161, No. 3, p. 103

E. Papp. Quasiclassical symmetry properties II — 161, No. 4, p. 171

U.-G. Meissner. Low-energy hadron physics from effective chiral Lagrangians with vector mesons — 161, Nos. 5 & 6, p. 213

R.S. Walling and J.C. Weisheit. Bound-state excitation in ion–ion collisions — 162, No. 1, p. 1

T. Sloan, G. Smadja and R. Voss. The quark structure of the nucleon from the CERN muon experiments — 162, Nos. 2 & 3, p. 45

D. Amati, K. Konishi, Y. Meurice, G.C. Rossi and G. Veneziano. Non-perturbative aspects in supersymmetric gauge theories — 162, No. 4, p. 169

M.Ya. Amusia. "Atomic" bremsstrahlung — 162, No. 5, p. 249

A.Z. Dolginov. Magnetic field generation in celestial bodies — 162, No. 6, p. 337

G.E. Brown (editor). Theory of supernovae — 163, Nos. 1–3, p. 1

B. Eckhardt. Quantum mechanics of classically non-integrable systems — 163, No. 4, p. 205

C.A. Bertulani and G. Baur. Electromagnetic processes in relativistic heavy ion collisions — 163, Nos. 5 & 6, p. 299

C. Falter. A unifying approach to lattice dynamical and electronic properties of solids — 164, Nos. 1 & 2, p. 1

V.Yu. Bychenkov, V.P. Silin and S.A. Uryupin. Ion-acoustic turbulence and anomalous transport — 164, No. 3, p. 119

M. Bando, T. Kugo and K. Yamawaki. Nonlinear realization and hidden local symmetries — 164, Nos. 4 & 5, p. 217

L.N. Ivanov, E.P. Ivanova and E.V. Aglitsky. Modern trends in the spectroscopy of multicharged ions — 164, No. 6, p. 315

N. Andersen, J. Gallagher and I.V. Hertel. Collisional alignment and orientation of atomic outer shells. I. Direct excitation by electron and atom impact — 165, Nos. 1 & 2, p. 1

E.A. Kaner and Y.V. Tarasov. A theory of sound propagation in disordered one-dimensional metals — 165, Nos. 3 & 4, p. 189

M.I. Klinger. Glassy disordered systems: topology, atomic dynamics and localized electron states 165, Nos. 5 & 6, p. 275
M.I. Chibisov and R.K. Janev. Asymptotic exchange interactions in ion–atom systems 166, No. 1, p. 1
K. Rosquist and R.T. Jantzen. Unified regularization of Bianchi cosmology 166, No. 2, p. 89
S. Galès, Ch. Stoyanov and A.I. Vdovin. Damping of high-lying single-particle modes in heavy nuclei 166, No. 3, p. 125
Y. Hahn and K.J. LaGattuta. Dielectronic recombination and related resonance processes 166, No. 4, p. 195
A.A. Gogolin. Electron localization in quasi-one-dimensional organic conductors 166, No. 5, p. 269
V.V. Eremenko and L.A. Ogurtsova. Stimulated emission and relaxation processes in molecular crystals 166, No. 6, p. 353
E. Gutkin. Quantum nonlinear Schrödinger equation: Two solutions 167, Nos. 1 & 2, p. 1
F.P. Bundy. Ultra-high pressure apparatus 167, No. 3, p. 133
P.C. de Jagher, F.W. Sluijter and H.J. Hopman. Relativistic electron beams and beam–plasma interaction 167, No. 4, p. 177
D.J.E. Callaway. Triviality pursuit: can elementary scalar particles exist? 167, No. 5, p. 241
J.H. Kühn and P.M. Zerwas. The toponium scenario 167, No. 6, p. 321